



Setting Up Your Apple IIc



At last! A powerful computer that's easy to use and even easier to set up. You won't need help, but if others in your family or office will be using the Apple IIc, encourage them to share in setting up your new computer system. The fun starts here and so does the learning.



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Introduction

One of the great things about the Apple IIc is that it has the circuitry for all sorts of accessories (or **peripheral devices**) built in. To add a device to your computer system, all you do is plug a cable into a port on the back of the machine. (**Ports** are sort of like electrical outlets, except that each one is specifically designed for the kind of peripheral device that can be connected to it.)

This booklet will show you how to attach peripheral devices to your Apple IIc and how to keep your peripheral devices working like new. But there's no need to read *Setting Up Your Apple IIc* from front to back. Read the pages that apply to your peripheral devices and skip the rest. But before you jump to the installation section, take a minute to read these general instructions.

Unpacking the Apple IIc

You're probably eager to get your Apple IIc up and running. (In fact, you're demonstrating unusual restraint if your computer is still in the box.) But hold your horses. Take a quick inventory before you start setting up the computer.

Check the picture on the opposite page and make sure you have everything you're supposed to have. If you're missing anything, contact your dealer. If everything's in order, fill out the warranty card and mail it in. The card registers you as an Apple owner so you can be notified of important changes to Apple products. (The warranty asks for the Apple IIc serial number—you'll find it on the bottom of the computer.)



Two Books

Apple IIc

Five Disks

Power Cable



Installation Instructions

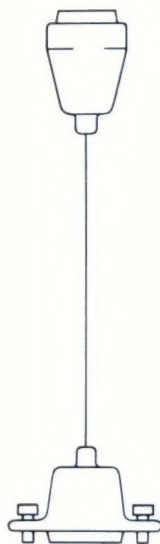
This illustration gives you an overview of how to connect various peripheral devices to your computer. Connecting peripheral device cables to the Apple IIc is a snap because there are symbols above each port showing you which device goes where.



Joystick
Hand Controls



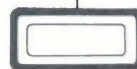
Mouse



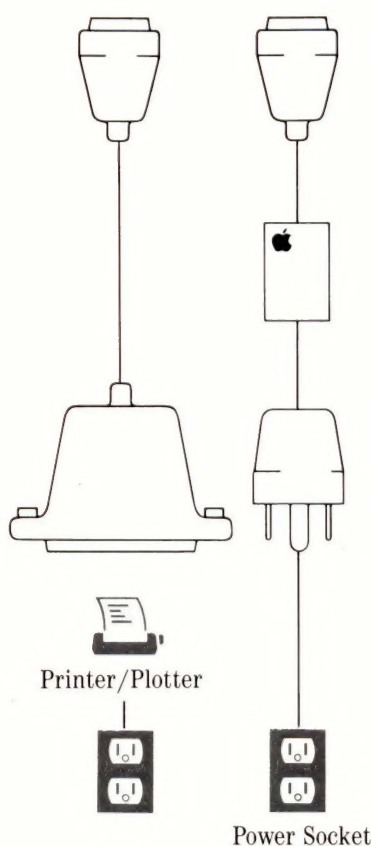
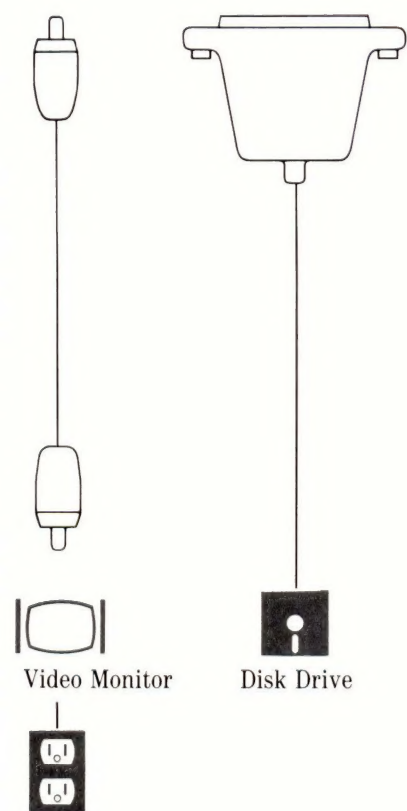
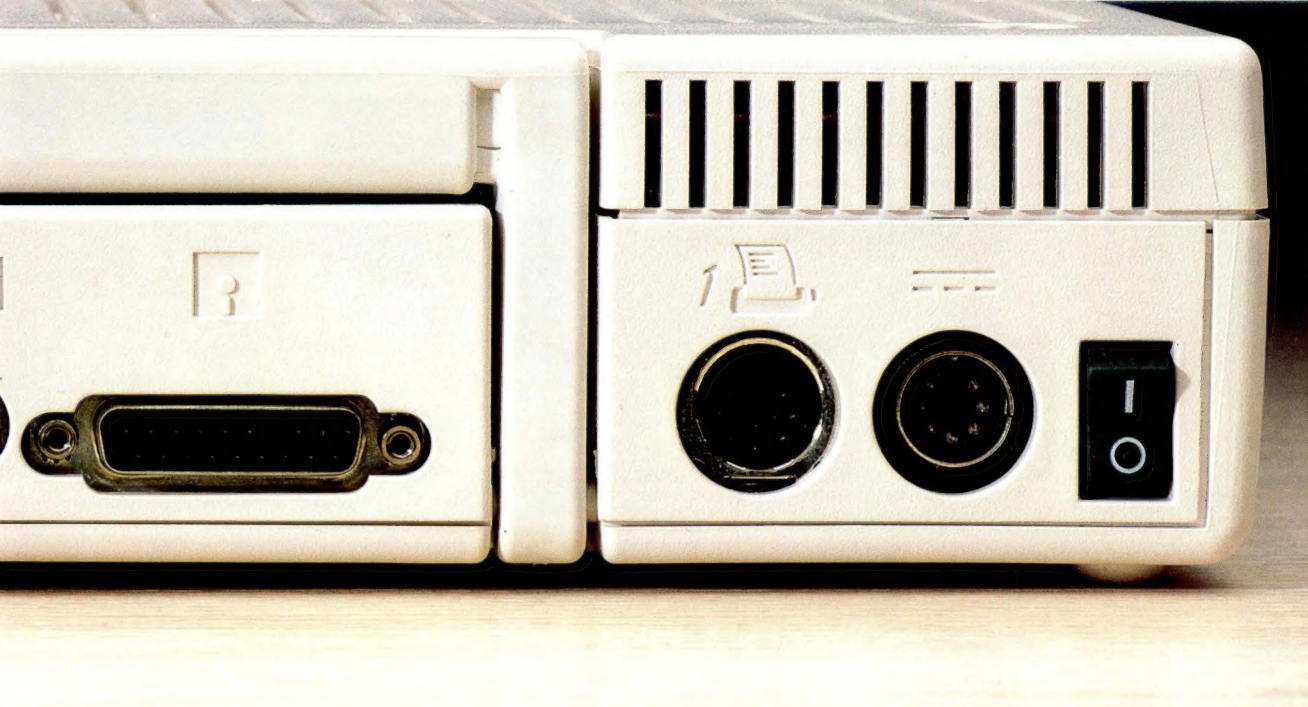
Modem



Phone Jack



Flat Panel Display



▲ Warning

Before you plug anything into the back panel of the Apple IIc, make sure the power switch (on the far right as you face the back of the computer) is set to 0 for off, and that the power cord is unplugged from the wall.

About Your Cables:

The Apple IIc and all Apple IIc peripherals come with shielded cables. If you use other devices with your Apple IIc, make sure the cables are shielded.

Retaining Screws

Some connectors have small screws on either side. Tightening these screws keeps you from accidentally losing touch with your accessories—by making a strong connection between the cable and the computer—and eliminates any possibility of interference that could affect television or radio reception in the area. See the *Apple IIc Owner's Manual* for more information about preventing radio frequency interference. (You may need a small screwdriver to tighten and loosen the screws.)

Table of Symbols

Most of the symbols on the Apple IIc back panel are self-explanatory. If you have any questions about which device or devices a symbol represents, check this chart:

Joystick or Hand Controls		Mouse	
Modem		Television Set	
Video Monitor		External Disk Drive	
Printer or Plotter		Headphones	
Power Cable			

Plugging In the Power Cable

Locate the power cable—it's the thick cord with the box in the middle. (The box is a power transformer. It converts the 110 volts from the wall outlet to the 12 volts DC needed to power the computer.)

1. Make sure the power switch is set to O for off (press down on the lower half of the switch).
2. Plug the power cable into the back of the Apple IIc.
3. Plug the power cable into a three-hole, grounded outlet.

If you have more than two devices that need to be plugged into the wall, you should invest in a power strip. A **power strip** is like a wall socket with four to eight outlets. Many power strips have an on/off switch so you can turn all your devices on and off with one switch.



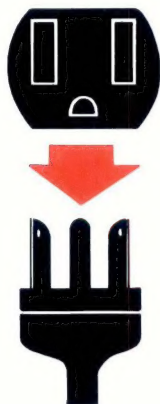
▲ Warning

This equipment is intended to be electrically grounded. This product is equipped with a three-wire grounding plug—a plug having a third (grounding) pin. This plug will fit only a grounding-type AC outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact a licensed electrician to replace the outlet with a properly grounded outlet.

Do not defeat the purpose of the grounding plug!

Important Safety Instructions

For your own safety and the safety of your equipment, always take the following precautions:



Be sure the power plug is disconnected (disconnect by pulling the plug, not the cord)

- If the power cord or plug is frayed or otherwise damaged;
- If anything is spilled into the case;
- If the product is exposed to rain or any other excess moisture;
- If the product has been dropped or if the case has been otherwise damaged;
- If you suspect that the product needs servicing or repair;
- Whenever you clean the case (use only the recommended procedure given below).

Be sure that you always do the following:

- Keep the product away from sources of liquids, such as wash basins, bathtubs, shower stalls, and so on.
- Keep the product protected from damp or wet weather, such as rain, snow, and so on.
- Read all installation instructions carefully before you plug in the product to a wall socket.
- Keep these instructions handy for reference by you and others.
- Follow all instructions and warnings dealing with the product.

▲ Warning | Electrical equipment may be hazardous if misused. Operation of this product, or similar products, must always be supervised by an adult. Do not allow children access to the interior of any electrical product and do not permit them to handle any cables.

To clean the case, do the following:

1. Disconnect the power plug. (Pull the plug, not the cord.)
2. Use a water-damp, clean, soft cloth. Wipe the surfaces lightly, but *do not wipe the screen of the monitor*. For cleaning the monitor screen, use only the special cloth provided and do not moisten it.

Care of Your Computer System

Your Apple IIc is a hardy machine, but it will serve you better and longer if you handle it with care and follow these instructions.

- Don't attempt to open the Apple IIc case. Leave repairs to your authorized Apple dealer.
- Don't operate your computer or monitor on a soft surface (like a bed or a rug). Soft surfaces can block the air vents and cause the computer to overheat.
- Keep your computer system dry. Don't water plants overhead, and keep coffee and drinks out of spilling distance.

You'll find more specific care and handling tips in the manuals packed with your peripheral devices.

Propping Up the Handle

The handle makes it easy to carry the Apple IIc, but it has two other important functions: it props the computer into a comfortable position for typing and it raises the computer up off the desk for proper ventilation.

▲ **Warning** | Do not use the computer without propping up the handle.

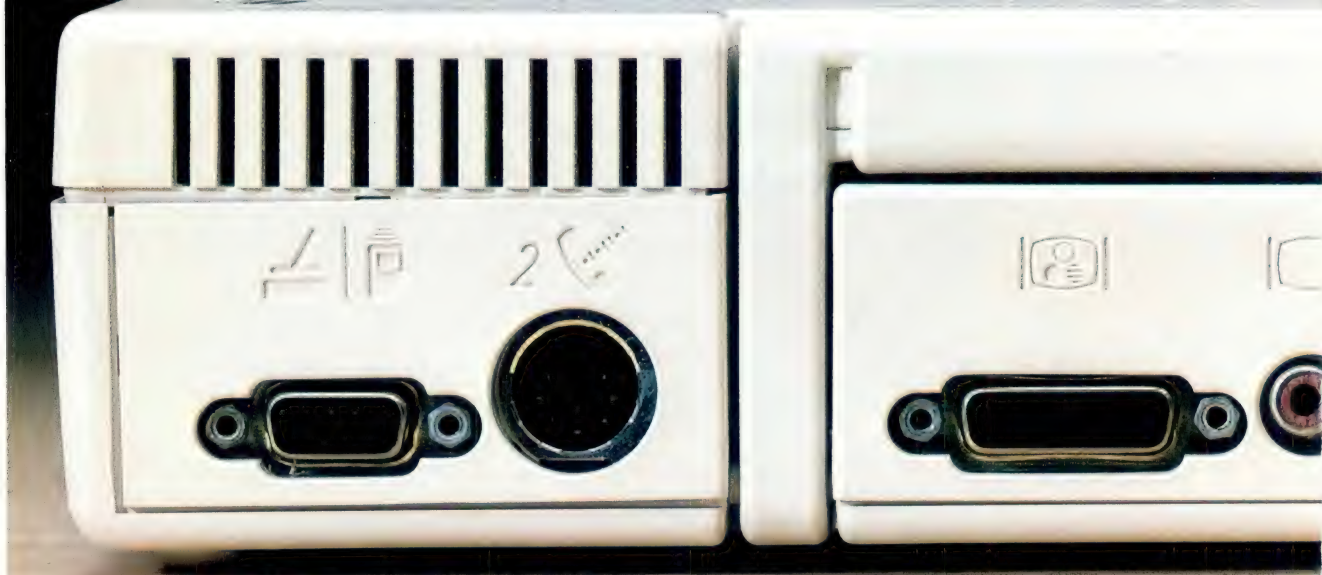
▲ **Warning** | Do not attempt to open the computer case—this voids your warranty.

Handle



Go to It

So much for preliminaries. Now find the pages that describe your peripheral devices and get your computer system set up. Then go on to the *Apple IIc Owner's Manual*.



Flat Panel Display

1. Make sure the Apple IIc power switch is off.
2. Plug the connector from the Flat Panel Display into the TV port on the computer and tighten the retaining screws.

3. Attach the Flat Panel Display in the grooves on top of the computer as shown.

Using Your TV As a

Monitor: You can use your television as a display device by connecting an RF (radio-frequency) modulator to your Apple IIc. RF Modulators are available at your local computer or electronics store. Install it according to the instructions that come packed with it.



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Monitor

1. Make sure the Apple IIc power switch is off.
2. Plug one end of the video cable into the computer.
3. Plug the other end of the video cable into the monitor.
4. Plug the monitor power cable into the monitor.
5. Plug the other end of the monitor power cable into a three-hole, grounded outlet.

Once you've connected the monitor, set it next to the computer. If you'd prefer to have your monitor at eye level, you can get an Apple IIc monitor stand.

▲ Warning
Do not set the monitor (or anything else) on top of the computer — it's too heavy, and it would block the vents, impairing the circulation of air through the computer.



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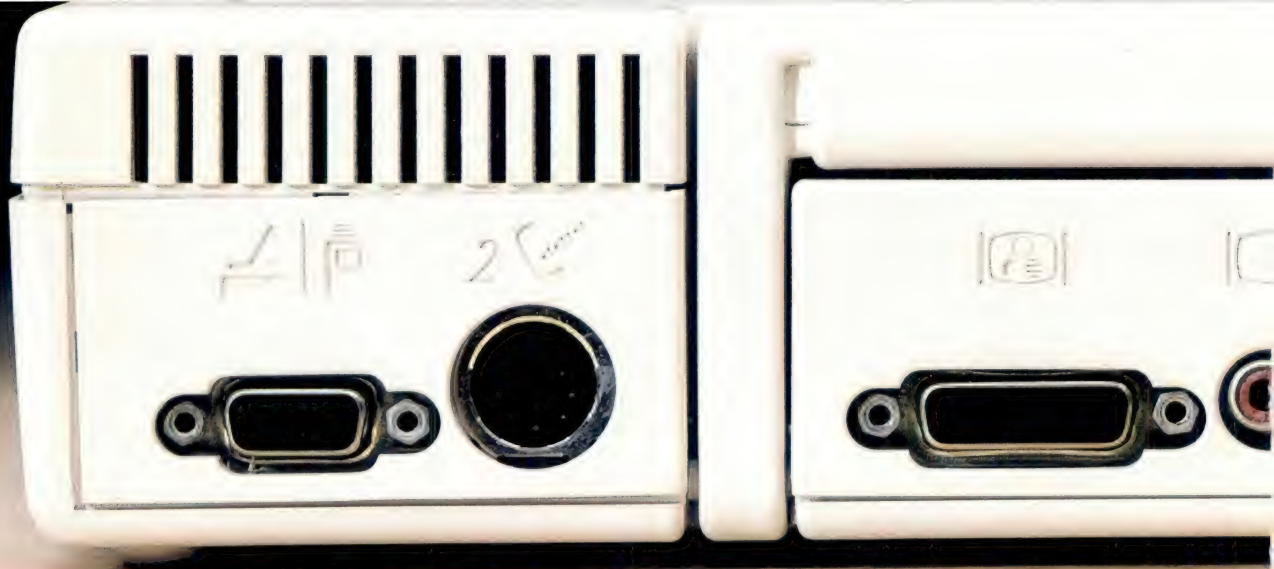
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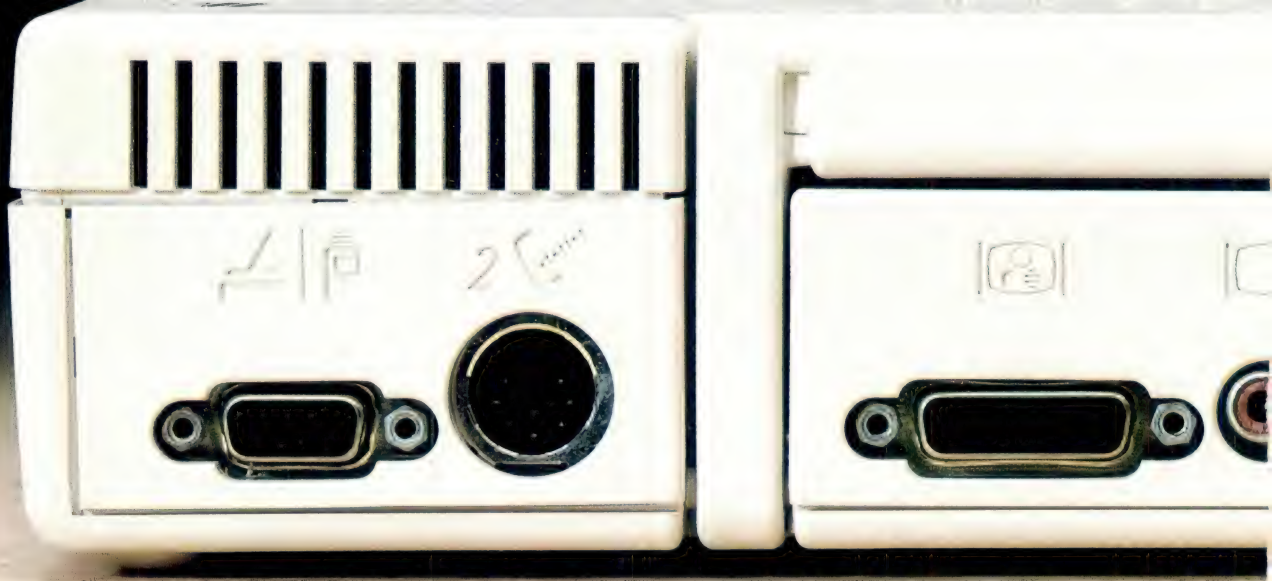
External Disk Drive

1. Make sure the Apple IIc power switch is off.
2. Plug the disk drive cable into the computer and tighten the retaining screws.
3. Open the disk drive by pressing in on the disk drive door (the door will spring up). If the cardboard packing material is still inside, remove it. From now on, the only thing you should put inside your disk drive is a disk.





When you finish connecting your disk drive, set it to the left of your Apple IIc or far enough away on the right so there's room to get disks in and out of the built-in disk drive. Do not set your disk drive on top of the Apple IIc—it would block the air vents.



Printer or Plotter

1. Make sure the Apple IIc and printer or plotter power switches are off.
2. Attach one end of the printer cable to the printer and tighten the retaining screws.
3. Attach the other end of the printer cable to the Apple IIc.
4. Plug the printer power cable into the printer.
5. Plug the other end of the printer power cable into a three-hole, grounded outlet.

Finish setting up your printer or plotter according to the instructions in the manual that came with it. (If you're new to computers, you might want to go through the *Apple IIc Owner's Manual* and get more comfortable with the Apple IIc before you finish setting up your printer.)



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**It's All the Same:**

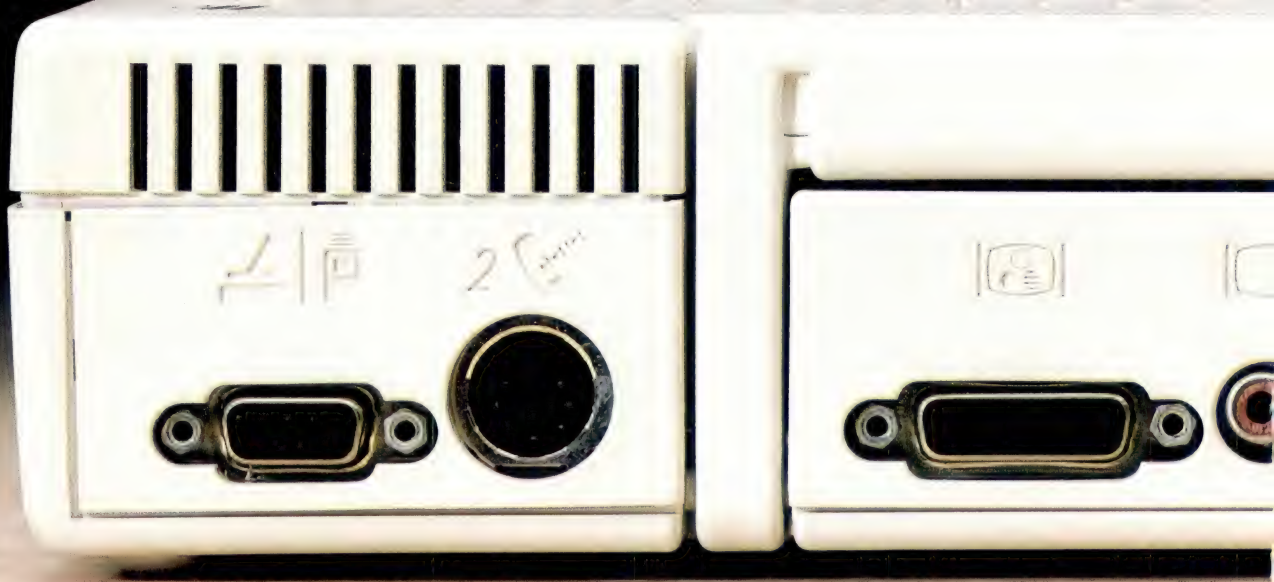
References to the printer or printer cable also apply to the plotter.

Printer and Plotter? If you have both a printer and a plotter, you can plug the plotter into the modem port. Then read the section on configuring serial ports in the utilities booklet.

Important! If you're using a printer other than the Apple Imagewriter or Scribe®, read the section on configuring serial ports in the utilities booklet before attempting to use your printer.

Connecting Other Printers:

These photos show how to connect a Scribe to the Apple IIc. Connecting an Imagewriter is just as easy. The only difference is in the location of the outlets on the printer.



Modem

Three cables came packed with your modem: a power cable, a phone cable, and a modem cable.

Important! If you're going to be using a modem with your computer, make sure there's a phone jack in the vicinity.

1. Make sure the Apple IIc and modem power switches are off (the down position).
2. Attach the modem cable to the modem and tighten the retaining screws.
3. Attach the modem cable to the Apple IIc.
4. Unplug your current phone cable from the phone, and plug it into one of the two identical phone jacks on your modem.



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5. Take the phone cable that came with your modem and plug one end into the other phone jack on the modem and the other end into the phone jack on the phone. (This step is necessary only if you plan to use your phone for incoming and outgoing calls.)

6. Plug the small end of the modem power cable into the modem.

7. Plug the large end of the modem power cable (the transformer) into a three-hole, grounded outlet.

Finish setting up your modem according to the instructions that came packed with it. Then read the section on configuring serial ports in the utilities booklet.



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Mouse, Joystick, Hand Controls

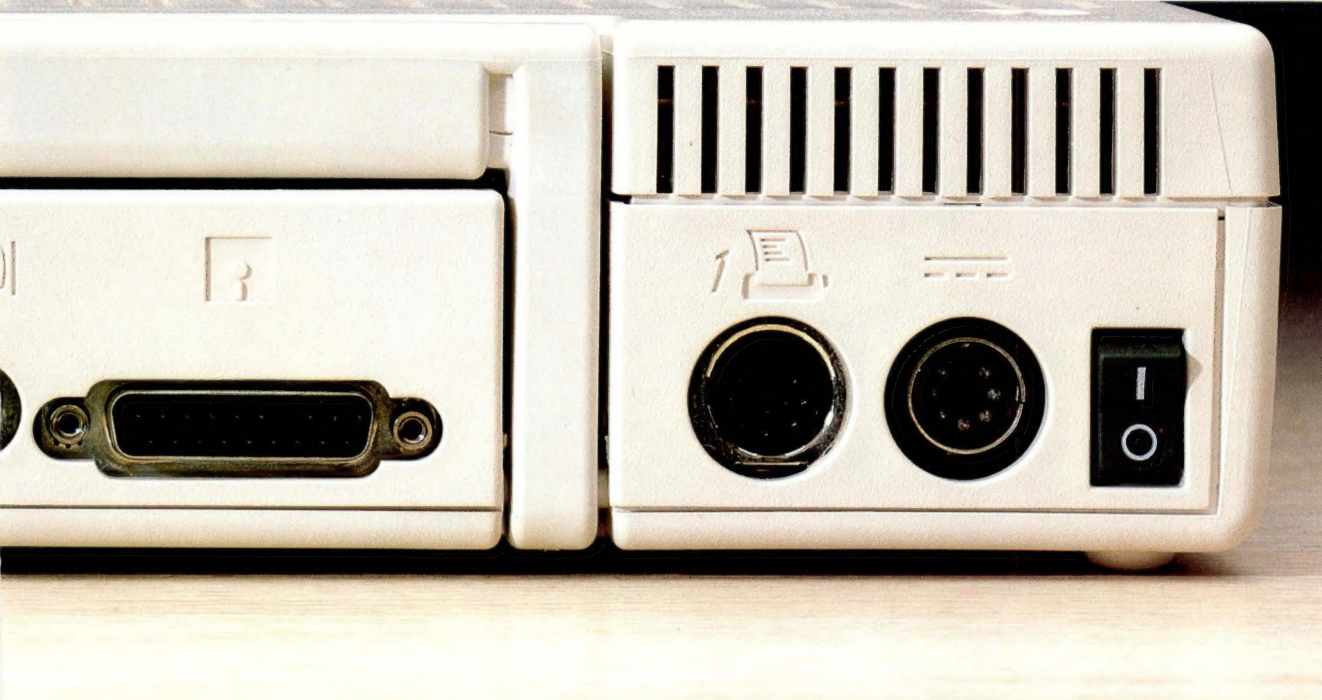
1. Make sure the Apple IIc power switch is off.
2. Plug the cable for the mouse, joystick, or hand controls into the Apple IIc and tighten the retaining screws

If you're using the mouse, clear plenty of space next to the computer so you'll have room to roll the mouse across your desktop.

▲ Warning

The mouse, the joystick, and the hand controls all plug into one port on the back of the Apple IIc, so you can use only one of these devices at a time. If you want to switch from using the mouse to using the joystick or hand controls, be sure to turn off the power before making the change.





Headphones

Headphones aren't available from Apple Computer, Inc., but you can use the same type of stereo headphones with the Apple IIc that you use for a portable radio.

1. Plug the headphone cable into the port on the lower-left side as you face the Apple IIc.
2. Check the volume before putting on the headphones. The volume control dial is located next to the headphone port.





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